# Department: Engineering

Date Last Reviewed: December 2014 Beth Huning, City Engineer

Contact: Michele Davila, (480) 644-5463

Description of Services:	Fee/Charge	Unit	Revenue Code	Date Last Revised
Refer to the Mesa City Code, Chapter 4-1-8 for addition Schedule shall apply to, and shall govern, permit applic				
ENGINEERING SERVICES  Refer to the Development Services portion of the Solution Fees. In addition to the fees charged perfees shall also apply where applicable.				07/01/12
COMMUNITY FACILITY DISTRICTS  Community Facility District Administrative Fee	\$123.00	per hour		07/01/12
AFTER HOUR INSPECTION FEE: Inspections immediately preceding or continuing after regular inspection hours	\$130.00	per hour		07/01/08
Inspections requiring the inspector(s) to return to work after regular inspection hours	\$130.00	per hour with 2 hour minimum		
Inspections scheduled to begin anytime on Saturdays, Sundays or Holidays	\$130.00	per hour with 3 hour minimum		
MISCELLANEOUS:  Developers Obligation for Street Lighting per Recorded Frontage of Development in Accordance with Policy	ı		1101-3110	07/01/07
Arterial Streets Collector and Residential Streets Special Inspections Including Fire Hydrant and	\$29.00 \$19.00			07/01/13
Flow Testing (minimum 1 hour)	\$75.00	hour		07/01/07
Construction Water Use Charges	Current const water rate	truction		01/21/06
Public Right-of-Way Encroachment	\$246.00	request	1101-3133	07/01/13
LAND LEASES Vacant Land	Varies with m	narket conditions	1101-3177	01/21/06
Industrial Lease	Varies with m	arket conditions		
Residential Rentals	Varies with m	arket conditions		

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**Beth Huning, City Engineer** 

Rents - Chamber of Commerce  Per contract  1101-3177  Taxable Communication Site Leasing  Per contract  1101-3120  Non-Taxable Communications Site Leasing  Per contract  1101-3121  Restaurant Rental - Dobson  Per contract  1101-3735  Citrus Sales  Varies with market conditions  Right-Of-Way Abandonment Single Family Residential land All other land Residential Alley Roadways  Easement Abandonment Residential Single Lot Undeveloped Subdivision Commercial and all other land  AGRICULTURAL LAND LEASE  PINAL COUNTY WATER FARMS AGRICULTURAL LAND LEASE  POCUMENT COPYING Photocopies Large Copies/Blueprints  POCUMENTS, RECORDS & PUBLICATIONS FEES Utility Quarter Section Maps (water, gas, sewer, land, storm drain) - Not for sale to general public without specific administrative approval Full Size  Pedicade  Per contract  1101-3120  1101-3131  1101-3133 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/03 07/21/04 07/01/03 07/21/04 07/01/03	Description of Services:	Fee/Charge	Unit	Revenue Code	Date Last Revised
Rents - Chamber of Commerce Per contract 1101-3177  Taxable Communication Site Leasing Per contract 1101-3120  Non-Taxable Communications Site Leasing Per contract 1101-3121  Restaurant Rental - Dobson Per contract 1101-3735  Citrus Sales Varies with market conditions 1101-3199  Right-Of-Way Abandonment Single Family Residential land Single Family Residential land S750 + value of the land S750	MICOSILIANISOLIO				
Non-Taxable Communications Site Leasing  Restaurant Rental - Dobson  Per contract  1101-3121  Restaurant Rental - Dobson  Per contract  1101-3735  Citrus Sales  Varies with market conditions  Right-Of-Way Abandonment Single Family Residential land All other land Residential Alley Roadways  Resement Abandonment Residential Single Lot Undeveloped Subdivision Commercial and all other land  AGRICULTURAL LAND LEASE  PINAL COUNTY WATER FARMS AGRICULTURAL LAND LEASE  Varies with market conditions and condition of farm land condition of farm  DOCUMENT COPYING Photocopies Large Copies/Blueprints  POCUMENTS, RECORDS & PUBLICATIONS FEES Utility Quarter Section Maps (water, gas, sewer, land, storm drain) - Not for sale to general public without specific administrative approval Full Size  PINAL Size  Per contract 1101-3121 1101-3139  Per contract 1101-3139  1101-3133 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/03 07/21/04 07/01/03 07/21/04 07/01/03 07/21/04 07/01/03 07/01/03 07/01/03 07/01/03 07/01/03 07/01/03 07/01/03 07/01/03 07/01/03 07/01/03 07/01/03		Per contract		1101-3177	
Restaurant Rental - Dobson Per contract 1101-3735 Citrus Sales Varies with market conditions Right-Of-Way Abandonment Single Family Residential land All other land Residential Alley Roadways So Easement Abandonment Residential Single Lot Undeveloped Subdivision Commercial and all other land AGRICULTURAL LAND LEASE PINAL COUNTY WATER FARMS AGRICULTURAL LAND LEASE Varies with market conditions AGRICULTURAL LAND LEASE Varies with market conditions and condition of farm land condition of farm  DOCUMENT COPYING Photocopies Large Copies/Blueprints  DOCUMENTS, RECORDS & PUBLICATIONS FEES Utility Quarter Section Maps (water, gas, sewer, land, storm drain) - Not for sale to general public without specific administrative approval Full Size  Pool Table Waries with market conditions and condition of farm land condition of farm  1101-3130 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/13 07/21/04 07/01/03 07/21/04 07/01/03 07/21/04 07/01/03 07/21/04 07/01/03 07/21/04 07/01/03 07/21/04 07/01/03	Taxable Communication Site Leasing	Per contract		1101-3120	
Citrus Sales  Varies with market conditions  1101-3199  Right-Of-Way Abandonment Single Family Residential land All other land Residential Alley Roadways  Easement Abandonment Residential Single Lot Undeveloped Subdivision Commercial and all other land AGRICULTURAL LAND LEASE  PINAL COUNTY WATER FARMS AGRICULTURAL LAND LEASE  DOCUMENT COPYING Photocopies Large Copies/Blueprints  DOCUMENTS, RECORDS & PUBLICATIONS FEES Utility Quarter Section Maps (water, gas, sewer, land, storm drain) - Not for sale to general public without specific administrative approval Full Size  Varies with market conditions S0.20 copy S1.00 copy  1101-3110 S1750	Non-Taxable Communications Site Leasing	Per contract		1101-3121	
Right-Of-Way Abandonment Single Family Residential land All other land Residential Alley Roadways  Easement Abandonment Residential Single Lot Undeveloped Subdivision Commercial and all other land  AGRICULTURAL LAND LEASE  PINAL COUNTY WATER FARMS AGRICULTURAL LAND LEASE  DOCUMENT COPYING Photocopies Large Copies/Blueprints  DOCUMENTS, RECORDS & PUBLICATIONS FEES Utility Quarter Section Maps (water, gas, sewer, land, storm drain) - Not for sale to general public without specific administrative approval Full Size  Right-Of-Way Abandonment \$500 + value of the land \$750 + value of the land \$7	Restaurant Rental - Dobson	Per contract		1101-3735	
Single Family Residential land All other land Residential Alley Roadways \$0  Easement Abandonment Residential Single Lot Undeveloped Subdivision Commercial and all other land  AGRICULTURAL LAND LEASE  PINAL COUNTY WATER FARMS AGRICULTURAL LAND LEASE  DOCUMENT COPYING Photocopies Large Copies/Blueprints  DOCUMENTS, RECORDS & PUBLICATIONS FEES Utility Quarter Section Maps (water, gas, sewer, land, storm drain) - Not for sale to general public without specific administrative approval Full Size  Pinal county Water Section Maps (water, gas, sewer, land, storm drain) - Not for sale to general public without specific administrative approval Full Size  Porton of the land Photocopies Storm of the land Storm	Citrus Sales	Varies with marke	t conditions	1101-3199	
Residential Single Lot Undeveloped Subdivision Commercial and all other land  AGRICULTURAL LAND LEASE  PINAL COUNTY WATER FARMS AGRICULTURAL LAND LEASE  Varies with market conditions and condition of farm land condition of farm land condition of farm  DOCUMENT COPYING Photocopies Large Copies/Blueprints  POCUMENTS, RECORDS & PUBLICATIONS FEES Utility Quarter Section Maps (water, gas, sewer, land, storm drain) - Not for sale to general public without specific administrative approval Full Size  \$50.0  \$	Single Family Residential land All other land	\$750 + value of th		1101-3133	07/01/13 07/21/04
PINAL COUNTY WATER FARMS AGRICULTURAL LAND LEASE  DOCUMENT COPYING Photocopies Large Copies/Blueprints  DOCUMENTS, RECORDS & PUBLICATIONS FEES Utility Quarter Section Maps (water, gas, sewer, land, storm drain) - Not for sale to general public without specific administrative approval Full Size  Varies with market conditions and condition of farm land condition of f	Residential Single Lot Undeveloped Subdivision	\$750		1101-3133	07/01/13
AGRICULTURAL LAND LEASE and condition of farm land condition of farm land condition of farm  DOCUMENT COPYING Photocopies Large Copies/Blueprints  \$0.20 copy \$1.00 copy  DOCUMENTS, RECORDS & PUBLICATIONS FEES Utility Quarter Section Maps (water, gas, sewer, land, storm drain) - Not for sale to general public without specific administrative approval Full Size  \$3.00	AGRICULTURAL LAND LEASE	Varies with marke	t conditions	3005-FF-3702	
Photocopies \$0.20 copy Large Copies/Blueprints \$1.00 copy  DOCUMENTS, RECORDS & PUBLICATIONS FEES Utility Quarter Section Maps (water, gas, sewer, land, storm drain) - Not for sale to general public without specific administrative approval Full Size \$3.00		and condition of fa		3005-ECN-3498	
Utility Quarter Section Maps (water, gas, sewer, land, storm drain) - Not for sale to general public without specific administrative approval  Full Size \$3.00	Photocopies			1101-3110	07/01/03
· ·	Utility Quarter Section Maps (water, gas, sewer, land, storm drain) - Not for sale to general public without specific administrative approval	00.00		1101-3110	01/21/06
	Full Size Reduced	\$3.00 \$1.00			

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Contact: Michele Davila, (480) 644-5463

Description of Services:	Fee/Charge	Unit	Revenue Code	Date Last Revised
DOCUMENTS, RECORDS & PUBLICATIONS FEES (C	CONT)			
Aerial Quarter Section Maps:	JOHI)			
Full Size	\$10.00			
Reduced	\$5.00			
Copies (Bond):				
30" x 42"	\$3.00	sheet		
24" x 36"	\$2.00	sheet		
12" x 18"	\$1.00	sheet		
8.5" x 11"	\$0.20	sheet		
Copies (Mylar):				
30" x 42"	\$20.00	sheet		
24" x 36"	\$12.00	sheet		
CD-ROM:	\$10.00	per CD-ROM		
Engineering Drawings: TIF images - quantity of images per CD by discretion of City staff.				
Reasonable fees for additional images will be				
charged for copying, cost of time, equipment				
and personnel used in producing copies of				
records. ARS 39-121.01				
Publications:				07/01/13
Landscape and Irrigation Standards	\$20.00	each		
Development Standards	\$20.00			
Mesa Standard Details	\$20.00			
Master Utility Plans (Water or Sewer)	\$20.00			
Traffic Barricade Manual	\$20.00	each		
Broadband:				
	¢4 90	Linear foot,		
Annual ROW Underground Conduit Fees	φ1.09	adjusted by CPI		
		under State law		
		using 12-2000 as		
		the base year.		
Annual Pole Fees	<b>የ</b> ደብ ብብ	pole/year		
License Application Fees		per applicant		
Plus Staff Time if Greater Than 80 hours				
License Fees	φ125.00	per hour		

## Department: Engineering

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			Nevellue	Date Last
Description of Services:	Fee/Charge	Unit	Code	Revised

## WIRELESS COMMUNICATION FACILITIES FEE (WCF) IN THE ROW (EXCLUDES CELLULAR FACILITIES):

07/01/15

Povonuo

Category 1 \$3,469.00 annual fee to 50 Cubic Feet (CF)

Category 2 \$3,469.00 annual fee: 1 CF to 50 CF \$9,928.00 annual fee: 51 CF to 200 CF \$13,141.00 annual fee: 201 CF to 300 CF \$16,337.00 annual fee: 301 CF to 400 CF \$19,588.00 annual fee: 401 CF and more

Category 3 \$3,671.00 annual fee: 1 CF to 50 CF

**\$10,130.00** annual fee: 51 CF to 200 CF **\$13,343.00** annual fee: 201 CF to 300 CF **\$16,539.00** annual fee: 301 CF to 400 CF **\$19,790.00** annual fee: 401 CF and more

Category 4 \$4,954.00 annual fee: 1 CF to 50 CF

\$11,413.00 annual fee: 51 CF to 200 CF \$14,626.00 annual fee: 201 CF to 300 CF \$17,822.00 annual fee: 301 CF to 400 CF \$21,073.00 annual fee: 401 CF and more

**Category 1** - A single wireless antenna device mounted on an **existing** vertical element (eg pole) **or** associated ground equipment with a wireless antenna device mounted on a third-party vertical element. Ground equipment larger than 50 cubic feet shall be based on category 2 equipment fee rates. Each WCF site will be assessed fees as set forth below:

Antenna Base Fee \$3.469

A. Per Antenna Location \$3,469
B. Ground Equipment (up to 50 CF) N/A

**Category 2 - WCF** with antenna(s) on an **existing** vertical element (eg pole; co-located) **and** any associated ground equipment. Each WCF site shall have an antenna base fee, plus a ground equipment fee (if applicable) for cubic feet of ground equipment in the ROW, as set forth below:

	Antenna
	Base Fee
A. Total is 1 CF up to 50 CF	\$3,469
B. Total is 51 CF up to 200 CF	\$3,469
C. Total is 201 CF up to 300 CF	\$3,469
D. Total is 301 CF up to 400 CF	\$3,469
E. Total is 401 CF or more	\$3,469

### **Department: Engineering**

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Description of Services: Revenue Date Last

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**Category 3 - WCF** with antenna(s) mounted on a new vertical element that is <u>stealth</u> or utilizes alternate concealment when existing vertical elements are not available, and any associated ground equipment. Each WCF site will have an antenna base fee, plus a ground equipment fee (if applicable) for cubic feet of ground equipment in the ROW, as set forth below:

	Antenna
	Base Fee
A. Total is 1 CF up to 50 CF	\$3,671
B. Total is 51 CF up to 200 CF	\$3,671
C. Total is 201 CF up to 300 CF	\$3,671
D. Total is 301 CF up to 400 CF	\$3,671
E. Total is 401 CF or more	\$3,671

**Category 4** - **WCF** with antenna(s) on a new, (non-existing at the time of attachment) vertical element that is <u>neither stealth nor concealed</u> in appearance, and any associated ground equipment. Each WCF site will have an antenna base fee, plus a ground equipment (if applicable) for cubic feet of ground equipment in the ROW, as set forth below:

ntenna
se Fee
\$4,954
\$4,954
\$4,954
\$4,954
\$4,954

Note: This schedule is not all inclusive and other fees may apply; these fees are subject to an annual adjustment.

### Instructions:

The annual encroachment fees for wireless communications facilities in the rights-of-way categories above shall be administered according to the following rules:

- 1) The fee structure shall apply to the installation of any antennas, antenna structure, ground equipment, electronics, cabinets, power supply, power supply installed for the purpose of the wireless communication facilities and other appurtenances required or associated with the operation of a WCF in the city's rights-of-way (ROW), city easements (CE), and public utility easements (PUE).
- 2) All WCF in the ROW, CE and PUE must have a wireless communication license (WCL) submitted to the city for each WCF site installed and operated in the ROW, CE, and PUE.
- 3) WCF sites in ROW, CE and PUE that are modified, upgraded, extended or enhanced shall be subject to the most current fee schedule.
- 4) Antenna Structure and Base Fee In cases where the existing vertical element is replaced for structural purposes with a pole designated to support the antennas and cabling, the WCF will be categorized as being installed on an existing vertical element. There may be a linear foot fee for fiber that runs outside the footprint.
- 5) Ground Equipment Fee The ground equipment measurement is calculated by the size of a four-sided "box" (parallel sides of equal length) with a top panel that is parallel to the ground so that the box will cover the ground equipment from the top of the equipment to the ground (non-improved dirt surface), and from side-to-side, including any foundation or pad for the equipment. For situations where there is more than one ground equipment fixture or cabinet (adjacent to each other or within the same use are), the equipment fixtures,

cabinets and generators are deemed to be part of the same contiguous ground equipment space and will be Plus Transaction Privilege (Sales) Tax, where applicable.

## Department: Engineering

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Description of Services: Revenue Date Last

The description of Services: Fee/Charge Unit Code Revised

measured together within the same box. Any remote radio heads or remote radio units mounted to a cabinet post, or wall in the same area with the ground equipment shall be included in the measurement for the ground equipment.

- 6) WCF sites that have antennas installed on a vertical element in ROW, CE and PUE, but the ground equipment installed on private property, will be assessed the applicable antenna fee.
- 7) WCF sites with antennas on a vertical element located on private property, but the ground equipment in the ROW, CE, and PUE will be assessed the applicable ground equipment fee.
- 8) WCF installation shall be reasonably coordinated and co-located with the city and other wireless providers to accommodate co-location opportunities for common installation and placement. The applicant shall demonstrate that the engineering of the WCF and the placement of ground-mounted equipment will accommodate other wireless providers.
- 9) The annual WCF in the ROW permit fee does not include fees and charges for any other city fees, taxes, permits, plan review fees, inspection fees, or any other services or approvals that may be required by the city.
- 10) WCF applications shall obtain an encroachment permit for installation and an annual maintenance/emergency permit to work in ROW after initial construction.

#### WCF Guidelines for Construction of Facilities/Equipment:

WCF located on existing or replaced street light poles, parking lot light poles, and street sign poles, are subject to the following criteria:

- 1. Each WCF shall be identified by a permanently installed plaque or marker, no larger than four (4) inches by six (6) inches; clearly, wireless communications service provider's name, address, e-mail contact, and emergency phone number.
- 2. The replacement pole and WCF shall not increase the diameter of the existing pole by more than sixty (60) percent, not-to-exceed eighteen (18) inches total, or increase the height of the existing pole by more than six (6) feet;
- 3. Antennas shall be limited to snug-mount, canister-mount, and concealed antenna;
- 4. All cables shall be located inside the pole or within an encasement to hide all cables colored to match the pole and oriented to a side with the least visual impact and be rated for 600 volts;
- 5. Street light construction and pole replacement shall match build type of existing street light poles per Mesa standard details and specifications M-70 through M-78.02;
- 6. Equipment cabinet:
  - a. Shall be screened, pad mounted, inconspicuously placed away from signage and window views; low profile cabinets, placed adjacent to property line or clustered by existing facilities, or within a vault; placed two feet from proposed or existing sidewalk
  - b. Equipment cabinet locations shall comply with the height and development standards of the underlying zoning district; setback shall meet the yard development standards and setback requirements of the underlying zoning district, except as otherwise permitted herein;
  - c. Equipment is required to be screened by a screen wall, painted, and/or landscaped. Screening shall blend with or enhance the surrounding context in terms of scale form, texture, materials and color. WCF shall be concealed as much as possible by blending into the natural and/or physical environment. All screening shall be at the discretion of the city.